

Converting Colors

YUV(248.9900, -4.9251, -7.0072)

Have a look what the booklet for
YUV(248.9900, -4.9251, -7.0072)
contains.

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Color

**YUV(248.9900, -4.9251,
-7.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	F1FFEF
RGB	241, 255, 239
RGB Percent	95%, 100%, 94%
CMY	0.0549, 0.0000, 0.0627
CMYK	0.05, 0.00, 0.06, 0.00
HSL	113°, 100%, 97%
HSV	113°, 6%, 100%
XYZ	87.6156, 96.4528, 95.6608
YIQ	248.9900, -3.2080, -7.9440

Conversions

Conversions Part 2

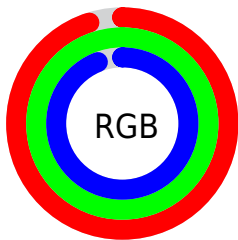
Format	Color
R_{YB}	239, 255, 253
Decimal	15859695
CIE _{Lab}	98.61, -7.40, 6.05
CIE _{LCh}	99, 9.563, 140.724
Yxy	96.4528, 0.3132, 0.3448
Android (android.graphics.Color)	4294049775 (0xFFFF1FEEF)
YUV	248.9900, -4.9251, -7.0072
Hunter-Lab	98.2104, -12.6244, 10.9965

Details

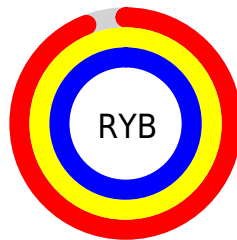
The YUV color $248.9900, -4.9251, -7.0072$ is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be $245.0100, 4.9251, 7.0072$, and the grayscale version is $249.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $255.0000, 0.0000, 0.0000$, and $192.4030, -4.6357, -6.4924$ is the 20% darker color. If you saturate the color by 10%, you get $239.5620, -12.6021, -18.0329$, and if you desaturate by 10%, it is $255.0000, 0.0000, 0.0000$.

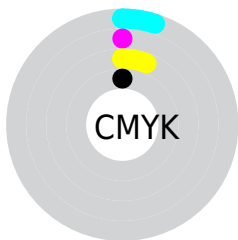
Distribution



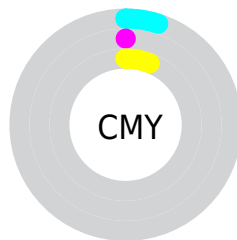
- Red (95%)
- Green (100%)
- Blue (94%)



- Red (94%)
- Yellow (100%)
- Blue (99%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 248.9900, -4.9251, -7.0072 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 248.9900, -4.9251, -7.0072 by changing the saturation by 10% instead.


 248.9900, -4.9251,
-7.0072


 248.9900, -4.9251,
-7.0072


255.0000, 0.0000,
0.0000


 220.4030, -4.6357,
-6.4924

 192.4030, -4.6357,
-6.4924

 165.4030, -4.6357,
-6.4924

 139.4030, -4.6357,
-6.4924

 113.8160, -4.3463,
-5.9776

 88.9300, -3.9095,
-6.0776

 65.9300, -3.9095,

-6.0776

■ 43.3430, -3.6201,
-5.5628

■ 22.6420, -3.7675,
-4.9480

■ 248.9900, -4.9251,
-7.0072

■ 248.9900, -4.9251,
-7.0072

■ 239.5620,
-12.6021, -18.0329

255.0000, 0.0000,
0.0000

■ 229.7210,
-20.5685, -29.5733

■ 220.2930,
-28.2454, -40.5990

■ 210.7510,
-36.3592, -51.5246

■ 201.0240,
-43.8888, -63.1650

■ 191.4820,
-52.0026, -74.0907

■ 181.9400,
-60.1164, -85.0164

■ 172.2130,
-67.6460, -96.6568

■ 162.6710,
-75.7598, -107.5825

Harmonies

Analogous

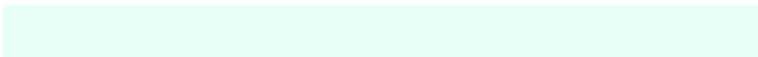
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



249.9480, -7.8624, 1.7996



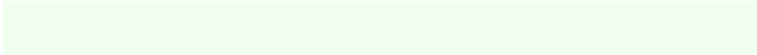
248.9900, -4.9251, -7.0072



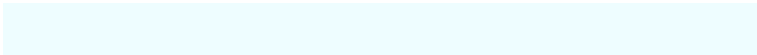
247.3250, 0.3328, -13.4400

Triad

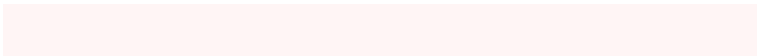
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



248.9900, -4.9251, -7.0072



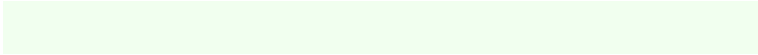
248.7430, 3.0847, -9.4216



247.9900, -1.4741, 6.1478

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



248.9900, -4.9251, -7.0072



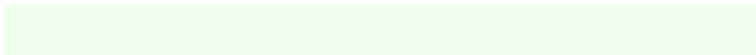
245.0100, 4.9251, 7.0072

Split Complementary

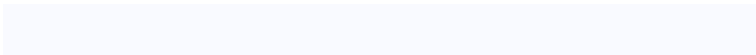
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



249.0160, 2.4571, 5.2480



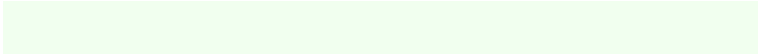
248.9900, -4.9251, -7.0072



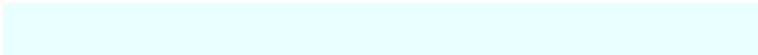
250.2710, 2.3314, -1.1147

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



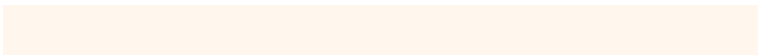
248.9900, -4.9251, -7.0072



247.8240, 3.5378, -14.7546



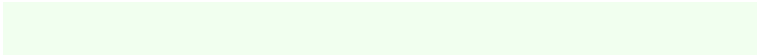
250.3040, 2.3151, 4.1184



248.2520, -5.5472, 5.9180

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



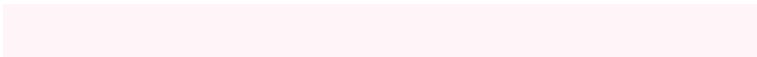
248.9900, -4.9251, -7.0072



247.1120, 3.3958, -15.8842



250.3040, 2.3151, 4.1184



248.3320, -0.1637, 5.8478

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



248.9900, -4.9251, -7.0072



253.2340, -1.5944, -1.9592



252.0020, -6.4100, 2.6292



126.7610, -0.8682, -1.5444



0.0000, 0.0000, 0.0000



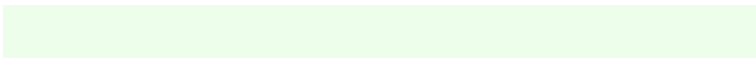
128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



248.9900, -4.9251, -7.0072



247.3380, -6.0826, -9.0664



249.0760, -2.0095, -8.8367



122.9300, -3.9095, -6.0776



119.2930, -58.8114, -83.5720



39.9600, -19.7003, -28.0289

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



245.0100, 4.9251, 7.0072



242.3630, 6.2300, 8.4516



244.9240, 2.0095, 8.8367



119.7710, 4.0569, 5.4628



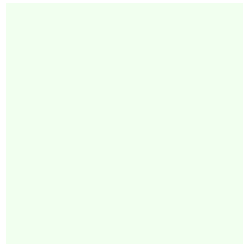
71.7070, 58.8114, 83.5720



24.0400, 19.7003, 28.0289

Previews

White Background



This preview shows how the YUV color 248.9900, -4.9251, -7.0072 looks on a white background.

Color Contrast Check

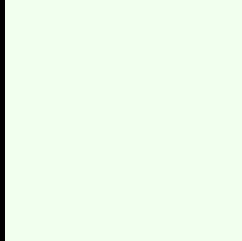
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 248.9900, -4.9251, -7.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

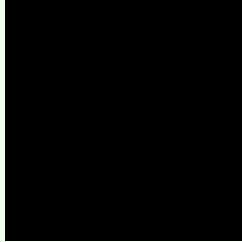
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

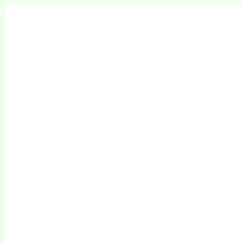
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 248.9900, -4.9251, -7.0072

Background



This preview shows how black text looks on a background with the YUV color 248.9900, -4.9251, -7.0072.



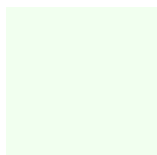
This preview shows how white text looks on a background with the YUV color 248.9900, -4.9251, -7.0072.

-7.072.

Color Blindness Simulation

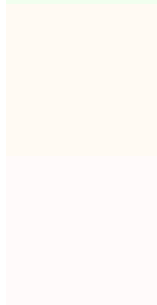
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

248.9900, -4.9251, -7.0072



Protanopia

250.6970, -3.7946, 3.7737

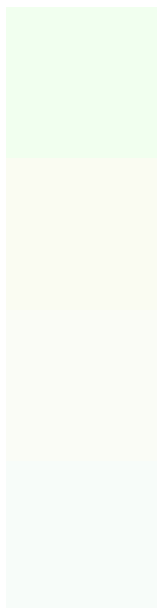
Deuteranopia

251.4950, -0.7370, 3.0739

Tritanopia

251.1570, 1.8946, -1.0147

Trichromacy



Original Color

248.9900, -4.9251, -7.0072

Protanomaly

250.2620, -4.0732, -0.2298

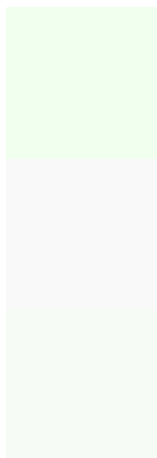
Deuteranomaly

250.7180, -2.3260, -0.6297

Tritanomaly

250.1630, -0.5734, -2.7740

Monochromacy



Original Color

248.9900, -4.9251, -7.0072

Achromatopsia

249.0000, 0.0000, 0.0000

Achromatomaly

248.8210, -1.8838, -2.4740

CSS Examples

Text

The CSS property to change the color of the text to YUV 248.9900, -4.9251, -7.0072 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(241, 255, 239)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 239)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(241, 255, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 239) }
```

Border

The CSS property to change the border of an element to YUV 248.9900, -4.9251, -7.0072 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(241, 255, 239) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(241, 255, 239) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(241, 255, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 239);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
239) }
```

Background

The CSS property to change the background color of an element to YUV 248.9900, -4.9251, -7.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 239) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(241,  
255, 239) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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